Claims

[c1] 1. A light source module, comprising:
a printed circuit board, on which a plurality of electrodes are formed;
a plurality of light-emitting diodes disposed on the printed circuit board and electrically coupled together; and
at least one light-collecting column, disposed over the printed circuit board, and covering the light-emitting diodes, wherein the a surface of the light-collecting column has a plurality of first regions and a plurality of second regions, the first regions and the second regions are arranged alternatively on the light-collecting column, wherein a transmittance for the first regions is smaller than a transmittance for the second regions, and the first regions are located above the light emitting diodes.

[c2] 2. The light source module according to claim 1, the first region is a forested surface.

[c3] 3. The light source module according to claim 1, the first region includes a firt ejected material and the second region includes a second ejected material.

[c4] 4. A light source module, suitable for use in a scanner, comprising:
a printed circuit board, on which a plurality of electrodes are formed;
a plurality of light-emitting diodes disposed on the printed circuit board and electrically coupled together;
at least one light-collecting column, disposed over the printed circuit board, and covering the light-emitting diodes; and
a plurality of reflection boards, disposed between the light-emitting diodes and the printed circuit board, so as to enhance a brightness at a region between the light emitting diodes.

[c5] 5. The light source module according to claim 4, wherein each of the reflection boards comprises a plurality of reflection surfaces.

[c6] 6. The light source module according to claim 4, wherein the reflection boards are used to reflect an incident light to a region between the the light-emitting diodes.